

Abstract

Apparatus for reducing mitral regurgitation,  
including a bendable elongated body adapted to be  
inserted into the coronary sinus of a patient in the  
vicinity of the posterior leaflet of the mitral valve,  
the elongated body being adjustable between a first  
configuration adapted to be delivered into the  
coronary sinus and a second configuration adapted to  
exert a force onto the posterior annulus. The body  
includes a flexible spine having a proximal end and a  
distal end, and a flexible wire mounted on the spine  
and having a distal end fixed to the spine proximate  
to the distal end of the spine, and having a proximal  
portion extending from the proximal end of the spine.  
Axial movement of the wire causes a change in the  
spine from the first configuration to the second  
configuration to exert the force on the posterior  
annulus and thereby reduce mitral regurgitation.